

Converting Colors

YIQ(35.4260, -0.5990, 16.3690)

Have a look what the booklet for
YIQ(35.4260, -0.5990, 16.3690)
contains.

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Color

**YIQ(35.4260, -0.5990,
16.3690)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 2D1940 |
| RGB | 45, 25, 64 |
| RGB Percent | 18%, 10%, 25% |
| CMY | 0.8235, 0.9020, 0.7491 |
| CMYK | 0.30, 0.61, 0.00, 0.75 |
| HSL | 271°, 44%, 17% |
| HSV | 271°, 61%, 25% |
| XYZ | 2.3556, 1.6233, 5.0384 |
| YIQ | 35.4260, -0.5990, 16.3690 |

Conversions

Conversions Part 2

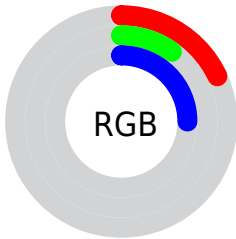
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 45, 25, 64 |
| Decimal | 2955584 |
| CIELab | 13.37, 19.18, -21.16 |
| CIElCh | 13, 28.560, 312.183 |
| Yxy | 1.6233, 0.2612, 0.1800 |
| Android (android.graphics.Color) | 4281145664 (0xFF2D1940) |
| YUV | 35.4260, 14.0870, 8.3964 |
| Hunter-Lab | 12.7408, 10.7061, -14.5280 |

Details

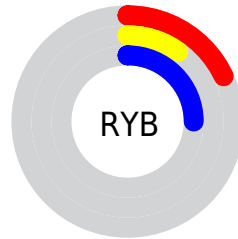
The YIQ color **35.4260, -0.5990, 16.3690** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.5740, 0.5990, -16.3690**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.7790, -0.0950, 18.2490**, and **2.8670, -6.6950, 5.6970** is the 20% darker color. If you saturate the color by 10%, you get **31.0070, -0.7370, 18.8710**, and if you desaturate by 10%, it is **39.8450, -0.4610, 13.8670**.

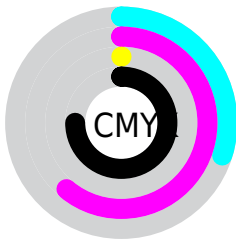
Distribution



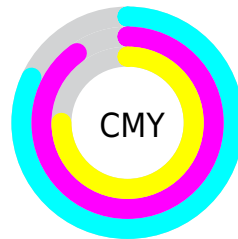
- Red (18%)
- Green (10%)
- Blue (25%)



- Red (18%)
- Yellow (10%)
- Blue (25%)



- Cyan (30%)
- Magenta (61%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.4260, -0.5990, 16.3690 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 35.4260, -0.5990, 16.3690 by changing the saturation by 10% instead.

■ 35.4260, -0.5990,
16.3690

■ 35.4260, -0.5990,
16.3690

■ 254.4130, 0.2750,
0.5230

■ 12.2630, 1.4180,
18.3620

■ 80.7790, -0.0950,
18.2490

■ 2.8670, -6.6950,
5.6970

■ 105.3060, -0.1410,
19.0830

■ 0.0000, 0.0000,
0.0000

■ 130.7190, 0.1340,
19.6060

■ 156.5450, 0.6840,
20.6520

■ 183.6590, 0.3630,
20.9630

■ 211.4850, 0.9130,

22.0090

■ 237.0910, 7.6540,
15.4780

■ 35.4260, -0.5990,
16.3690

■ 35.4260, -0.5990,
16.3690

■ 31.0070, -0.7370,
18.8710

■ 39.8450, -0.4610,
13.8670

■ 26.0010, -0.6000,
21.8960

■ 44.8510, -0.5980,
10.8420

■ 21.5820, -0.7380,
24.3980

■ 49.2700, -0.4600,
8.3400

■ 17.1630, -0.8760,
26.9000

■ 54.2760, -0.5970,
5.3150

■ 58.9940, 0.1370,
3.0250

■ 63.4130, 0.2750,
0.5230

■ 68.4190, 0.1380,
-2.5020

■ 72.8380, 0.2760,
-5.0040

■ 77.8440, 0.1390,
-8.0290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.2800, -32.7830, 4.9210



35.4260, -0.5990, 16.3690



33.0000, 18.3360, 20.1280

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.4260, -0.5990, 16.3690



32.8700, 23.6130, -3.9310



30.0290, -25.3070, -9.4270

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.4260, -0.5990, 16.3690



53.5740, 0.5990, -16.3690

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.6350, -18.5660, -15.9580



35.4260, -0.5990, 16.3690



32.1950, 12.1520, -10.9840

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.4260, -0.5990, 16.3690



31.5170, 32.2770, 4.2530



27.9650, -2.0600, -17.7400



32.1950, -31.4060, -3.5180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.4260, -0.5990, 16.3690



31.5510, 26.9100, 18.9260



27.9650, -2.0600, -17.7400



29.2310, -23.0600, -11.6040

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.4260, -0.5990, 16.3690



73.1020, -0.0470, 6.3610



40.5990, -17.7440, 2.1920



36.5210, 0.0910, 3.8590



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.4260, -0.5990, 16.3690



39.2230, -1.1050, 25.5430



41.1070, 10.7250, 20.3970



30.9400, 0.2290, 1.3570



26.0080, -1.3370, 40.7670



59.9210, -3.3640, 94.0440

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.8270, 17.1450, 14.1770



44.6590, 26.7260, 22.2620



47.8930, -10.7250, -20.3970



31.0110, 1.4670, 0.9470



34.3610, 42.7250, 35.1810



79.4020, 98.5150, 81.3870

Previews

White Background



This preview shows how the YIQ color 35.4260, -0.5990, 16.3690 looks on a white background.

Color Contrast Check

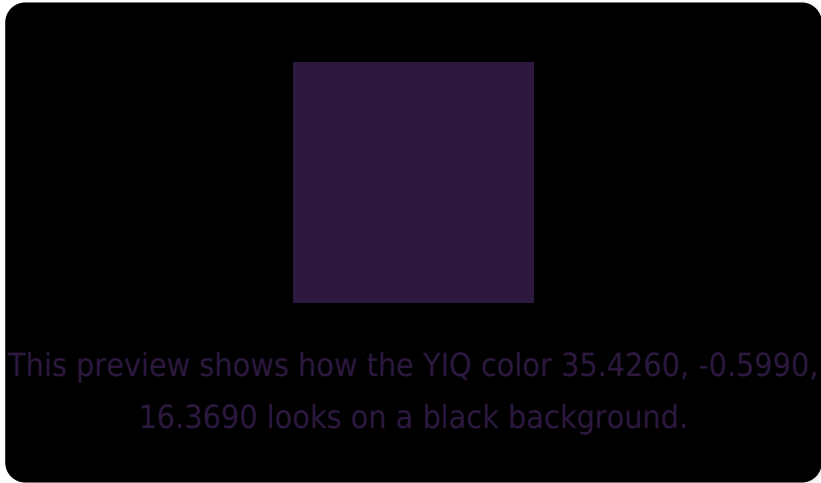
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

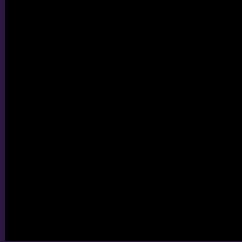
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 35.4260, -0.5990, 16.3690

Background



This preview shows how black text looks on a background with the YIQ color 35.4260, -0.5990, 16.3690.



This preview shows how white text looks on a background with the YIQ color 35.4260, -0.5990,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.4260, -0.5990, 16.3690

Protanopia

28.1660, -32.4620, 4.6100

Deuteranopia

30.9020, -22.9710, 3.3090



Tritanopia

35.4350, 3.2090, 2.4170

Trichromacy



Original Color

35.4260, -0.5990, 16.3690

Protanomaly

30.8470, -21.1380, 8.6380

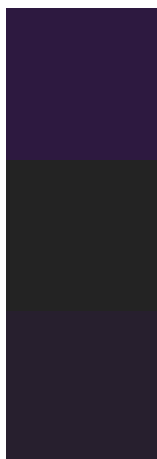
Deuteranomaly

32.2560, -15.0400, 8.2560

Tritanomaly

35.4120, 2.0160, 7.5200

Monochromacy



Original Color

35.4260, -0.5990, 16.3690

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1020, -0.0470, 6.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.4260, -0.5990, 16.3690 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(45, 25, 64)` looks like.

```
.text, #text, p{  
    color:rgb(45, 25, 64)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(45, 25, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 25, 64) }
```

Border

The CSS property to change the border of an element to YIQ 35.4260, -0.5990, 16.3690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(45, 25, 64) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(45, 25, 64) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(45, 25, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 25, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 25, 64);  
box-shadow:4px 4px 4px 4px rgb(45, 25, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.4260, -0.5990, 16.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 25, 64) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(45, 25,  
64) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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